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Model	2-1030-1-000		
Description	LHP-1700FFHC TC-3F		
Cover	9-1167	Revision	
Эресь.	110598-2	Revision	
Assembly	1700-B-A23	Revision	٨
installation	1700-B-F8	Revision	٨
Wiring	1700-B-E67	Revision	٨
Field mounting holes	1700-B-F7	Ravision	
Warranty	SK91-05-14A	Revision	

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Thermollisctric Cooling America
4048 W. Schubert Ave
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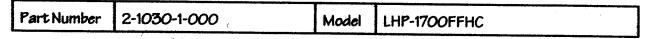
Web Site:

E-mail:

http://thermoelectric.com teca@thermoelectric.com





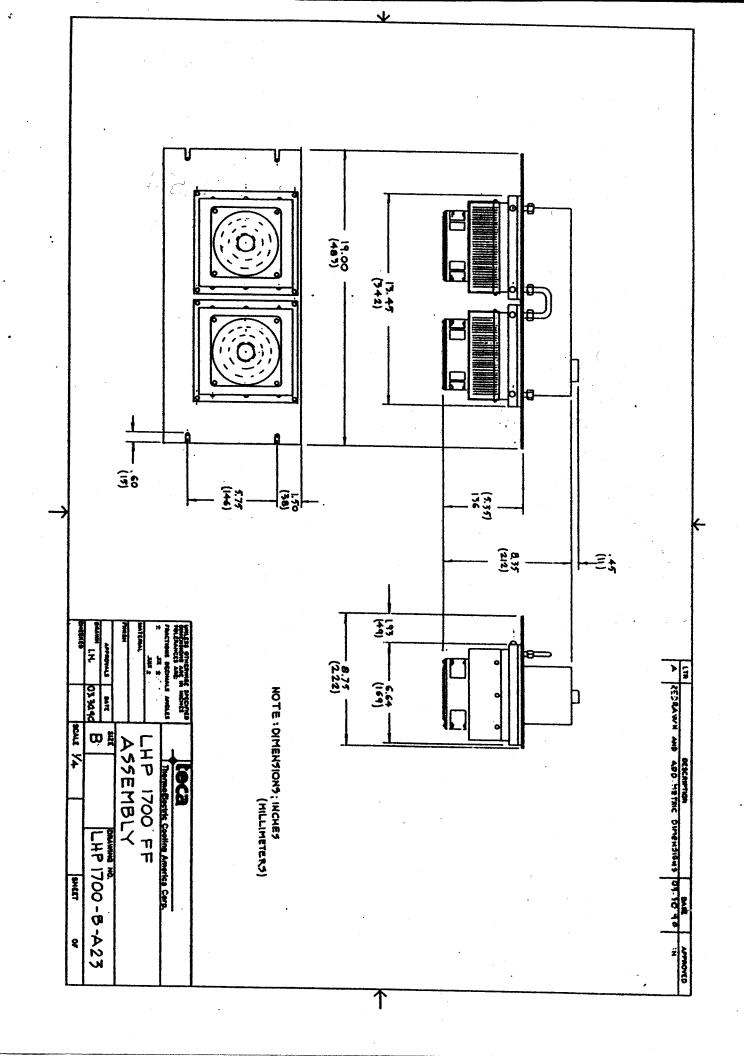


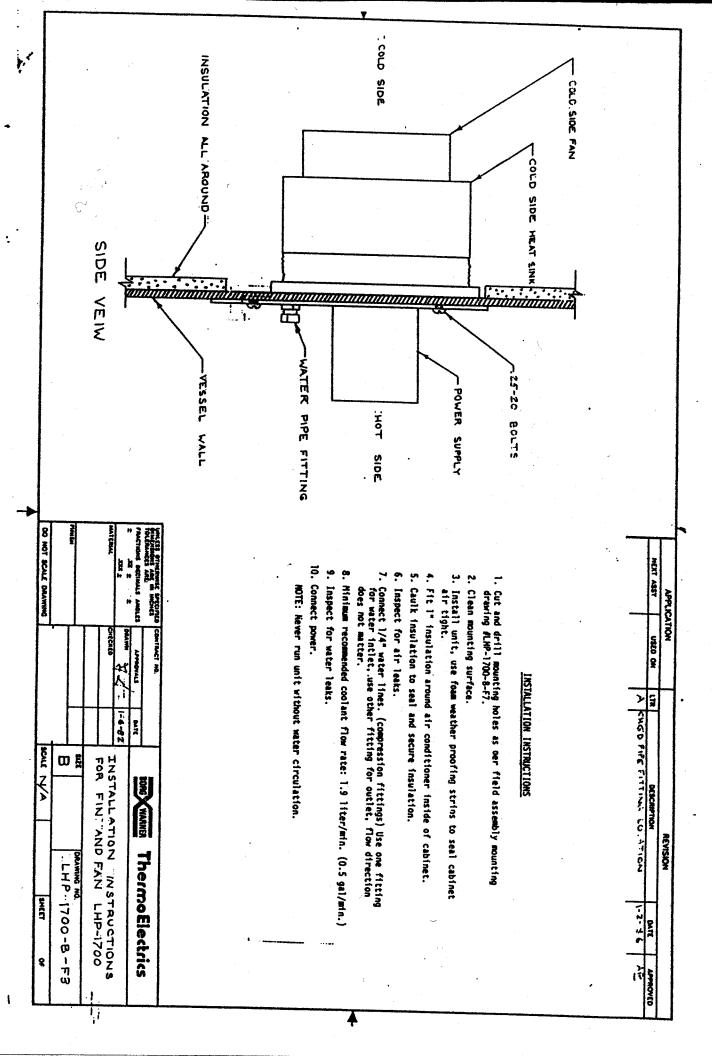
		
Input Voltage	115 VAC	
Current	8.5 Amps RMS	
Frequency	50/60 Hz	
Nema Type	12	
Ambient Range	-30 to +80°C	
Weight	21 lbs.	
Temperature Control	TC-3F	
Cooling Capacity	260-300 Watte	
Heating Capacity	400 Watt Heaters Installed	
Mounting	See 1700-B-F8	
Min. Recommended flow/max. Pressure	0.5 GPM (1.0 Recommended) 60 PSI	
Fluid	Fluid with comparable thermal properties to that ofwater. One that will not react with aluminum with Mil-A-8625D type II Class 2 Anodize	
Maintenance	Use clean/filtered fluids for heat exchanger. If process fluid contains deposits, periodic cleaning may be required.	

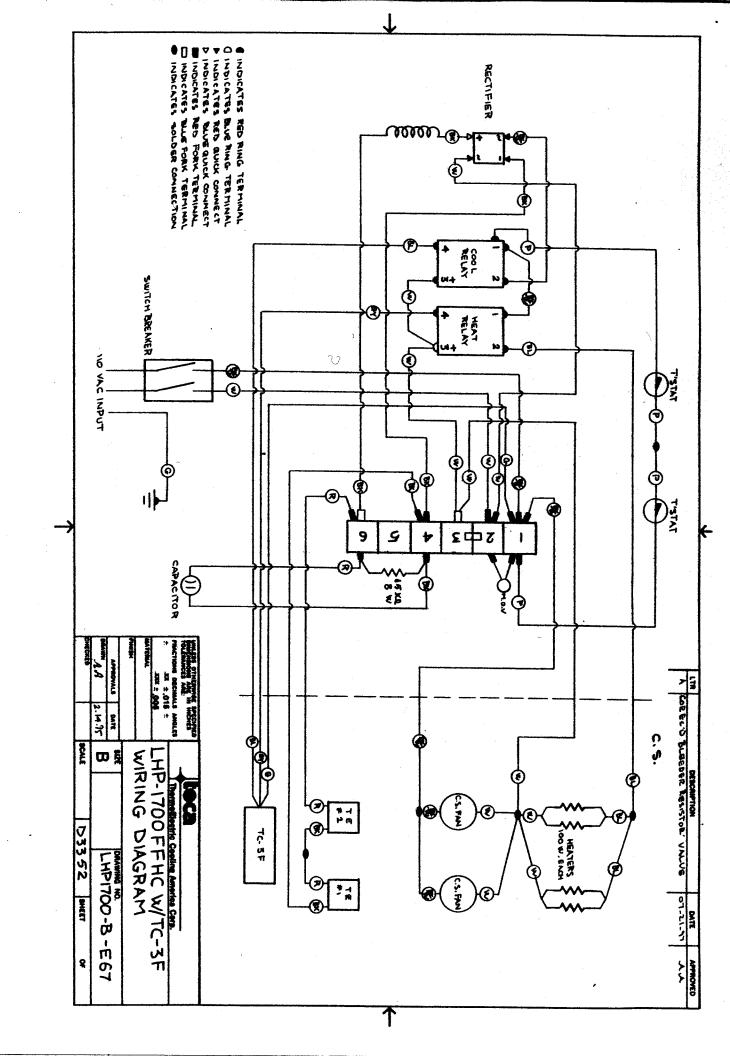
Drawing Number	110598-2
Revision	-

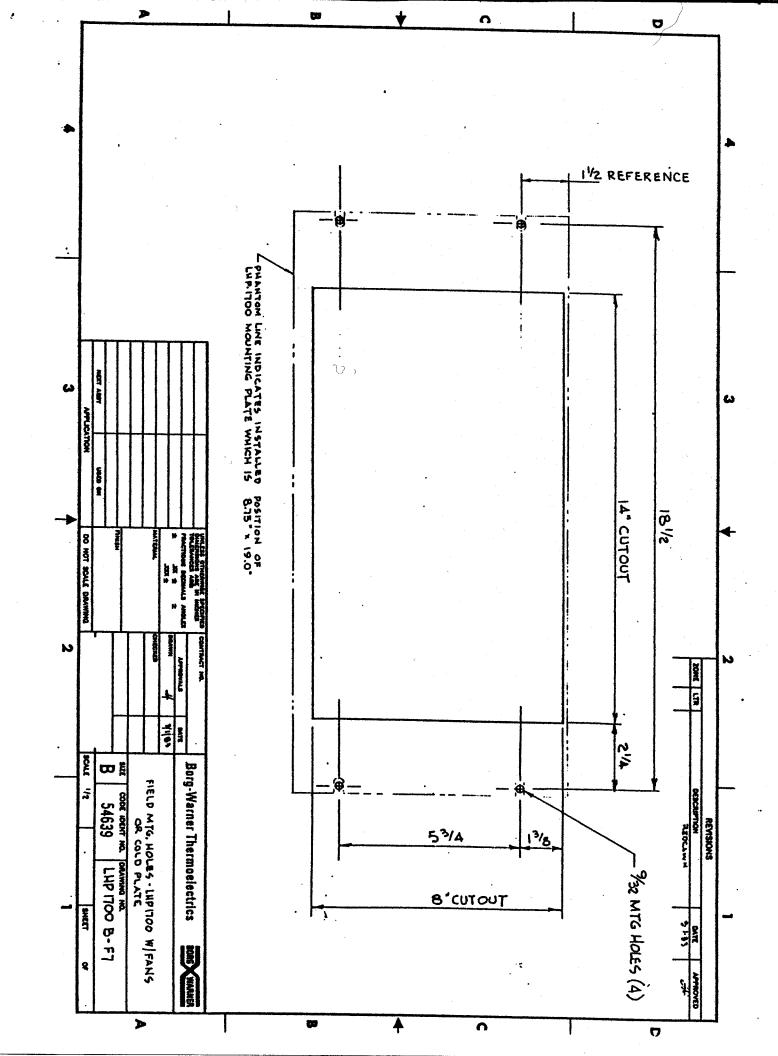


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ECA's products are warranted for a period of one (1) year, from date of shipment from the factory to be free from defects in material and workmanship with correct use, normal operating conditions, and proper application. IEGA's obligation under this



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require it to be returned to the factory for
inspection. Duyer is responsible for freight to
the factory on all warranty claims. The above
warranty does not extend to goods damaged or
subjected to accident, abuse, or misuse after

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In order to return merchandise for any reason (repair, replacement, or credit) a return authorization number must be issued by TECA. New merchandise may not be returned for credit beyond 60 days from shipment. Charges for incidental or other damage may also be made. All returned goods must be sent freight prepaid. A restocking charge of 15% will apply for standard products.

MAINTENANCE

Since the technology is solid-state, there are no filters, compressors, or fluorocarbons to maintain. The only moving parts are the fans used to transfer the energy from the heat sinks. It is recommended, for harsh environments, that the heat sinks be cleaned from time to time. This can be accomplished by directing compressed air over the external fins. This will increase the overall life and performance of the system.



Mounting Styles

Since there are no fluorocarbons, units can mount in any orientation. Vertical mounting is preferred.

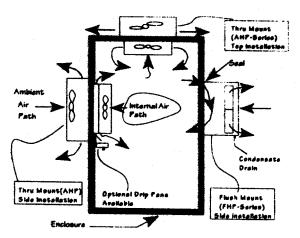


Figure 1

Vertical (Side/Front/Back) Mounting

A vertical mounting orientation is recommended for applications with high humidity or incomplete cabinet seals. Condensation can be collected from a moisture removal system (standard on FHP-units) or a drip pan positioned below the cold side fine (See Figure 1). Drip pans are optional for thru mount units.

Condensate Removal System:

All FHP-Series and AHP-1400 air conditioners contain a builtin condensate removal system. The condensate kit consists of a antifungal sponge with a condensate wick. PVC tubing is also provided for drainage.

Horizontal (Top) Mounting:

It is difficult to collect condensation in this orientation due to the fin orientation and gravity. If a drip pan is employed by the end user, use caution to place the pan far enough away from the internal fan to minimize the restriction of air flow. The pan should cover the fin ends as well as the fan area. When there is a choice, the vertical orientation is preferred by most users.

NOTES ON CONDENSATION

Condensation occurs at the cold side fins when the surface temperature goes below the dew point. To reduce or remove condensate, consider the following:

Regulate the Fin Temperature above the Desipoint.

Keep Enclosure Closed and Sealed from Outside Humidity.

Lies Desiccant (Moisture absorbing Granules.)

Employ Condensate Removal System/Drip Pane.